BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

							Estimate Cost Rs.		1500000.00

Name of Work: Detail Estimate for the work of Providing Street Ornamental and sign boards in chowdeshwari ward no -02.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Providing and fixing ornamental name boards of size 2.10 X 0.50Mtrs and column of size 0.15 x 0.15 Mtrs of height 1.23 Mtrs of each board made of C C 1:1, 5:3 with necessary centrering and form work smooth finishing with reinforcement etc including fabrication charges painting concreting and transportation charges from manufacturing yard to the site of work all lead and lift loadiing and undloading and labour charges etc. complete as per the direction of the engineer incharge of the work								
	Quation Approved Rates in BBMP	Each							
			22	1			22	6200.00	136400.00
2	Retro - Reflectorised Traffic Signs :- Providing and fixing of retro - reflectorised cautionary, mandatory and informatory sign as per IRC : 67 - 2001 made of high intensity grade micro prismatic HIP type IV sheeting, fixed over alumium sheeting, 2mm thick firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45cms x 45cm x 60cm, 60 cm below ground level as per approved drawing. The item includes earthwork excavation, Cement Concrete M-15 grade, 2 coats of approved colour synthetic enamel painting to the steel surface, as per clauses, including curing, cost of all materials, labour, loading, unloading, lead, lift, transporting etc., complete.(P.No.65, I.No.8.04 of NH SR 2009-10) Supported on a class B GI pipe 80mm outer dia, 3.50mtr long 60cm x 60cm square								

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		Each							
			210				210.00	4865.40	1021734.00
	Basic Rate	4590.00							
	Area Weightage 6%	275.40							
	Grand Total	4865.40							
3	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 SR 2018-19	cum							
	Ornamental Boards		22	0.60	0.60	0.60	4.75		
							4.75	316.94	1506.00
	Basic Rate	299.00							
	Area Weightage 6%	17.94							
	Grand Total	316.94							
4	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1) SR 2018-19	cum							
			Vide Item No. 3				4.75	87.56	416.00
	Basic Rate for loading and unloading	57.00							
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRB4.1.3: Providing and laying position plain cement concrete of Mix 1:4:8 with OPC cement @180Kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed , concrete laid in layers not exeecding 15 cms, thick, well compacted , in foundation , including cost of all materials, Labour , HOM of Machinery, Curing complete as per Specifications. Specifications No. KBS 4.1, 4.2 (P12/4.3). SR 2018-19	cum							
	Ornamental Boards		22	0.60	0.60	0.60	4.75		
							4.75	5408.12	25699.00
	Basic Rate	5102.00							
	Area Weightage 6%	306.12							
	Grand Total	5408.12							
6	KSRRB 800-1: **painting two coats after filling the surface** with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specification MORTH chapter 8, No. 180/ Item No. 24.1/ PWD SR 2018-19	sqm							
	Ornamental Boards		44	2.10		0.50	46.20		
	Columns Ornamental Boards		44	0.60		1.00	26.40		
	Existing Ornamental boads		22	2.10		0.50	23.10		
			22	0.60		1.00	13.20		
	Existing Sign boards	120x2	240	0.60		0.20	28.80		
		120x2	240	0.60		0.60	86.40		
	(3.14x50mm dia x 3.5m length)		200	0.54			108.00		
							332.10	84.80	28162.00
	Basic Rate	80.00							
	Area Weightage 6%	4.80							
	Grand Total	84.80							
7	KSRRB M800-9: **Painting new Kannada letter and figures of any shade with synthetic enamel paint block or any other approved colour to give an even** shade complete as per specification, ("ii) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half) MORTH specification No. 803, No. 181/ Item No. 24.8/ PWD SR 2018-19	cm							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	80000			80000		
	for Exsiting boards		1	35000			35000		
							115000	1.06	121900.00
	Basic Rate	1.00							
	Area Weightage 6%	0.06							
	Grand Total	1.06							
							Sub total		1335817.00
							GST 12%		160298.04
8	Miscellaneous charges								3884.96
								Total	1500000.00
(Rupees Twenty five lakhs Only)									

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Executive Engineer
Yelahanka Division
Bangalore-64

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Administrative Approval

Accorded For ...Rs.15.00 lakhs
Head of A/C...P.1771.....
CER NO :...243..... Dt:..27.03.2020

TA

ACE (YNK)

TECHNICALLY SANCTIONED FOR Rs. ...5.00 lakhs
Rupees ...five lakhs only.....
.....
Under ...2019-20... Pow.zonal work
.....P-1771.....
Registered as CE ( ) No. 9 9
Subject to conditions contained in enclosed memo EE ( ) No. ...../9/
Dt..... Estimate A/ Sanctioned
EE/YNK/TS/17/2020-21
Dated 12/1/2020..... Rs.....5 lakhs

Executive Engineer

150 - YELAHANKA A

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 2- CHOWDESWARI WARD

ICATION NO. UDD 59 MLR 2009, DATE. 15.07.09